

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,919,484 B2  
DATED : July 19, 2005  
INVENTOR(S) : William R. Dolbier, Jr. et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4,

Line 49, "injection of said compounds" should read -- reaction of said compounds --.

Line 54, "Opiionally, the" should read -- Optionally, the --.

Line 55, "climination" should read -- elimination --.

Column 8,

Line 28, "4,5-dichloro-1-cyclohexane(2.1 g, 0.014M)" should read  
-- 4,5-dichloro-1-cyclohexane (2.1 g, 0.014M) --.

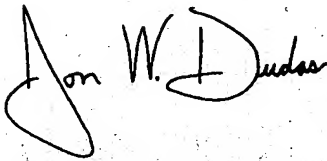
Line 38, "<sup>1</sup>NMR spectrum" should read -- <sup>1</sup>N MR spectrum --.

Column 9,

Lines 11-12, "irialkylboranes, 9-borabicyclo [3, 3.1]" should read -- dialkylboranes,  
trialkylboranes, 9-borabicyclo[3.3.1] --.

Signed and Sealed this

Thirteenth Day of December, 2005

A handwritten signature in black ink, reading "Jon W. Dudas", is written over a faint, rectangular, dashed-line stamp. The signature is stylized with a large initial "J" and a cursive "D".

JON W. DUDAS

Director of the United States Patent and Trademark Office